Re-evaluation Note REV2017-18

Pest Management Regulatory Agency Re-evaluation and Special Review Work Plan 2017-2022

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1.0 Background

The purpose of this document is to inform registrants, pesticide regulatory officials and the Canadian public of the re-evaluation and special review work planned by Health Canada's Pest Management Regulatory Agency (PMRA) from 1 April 2017 to 31 March 312022. This document provides an update to the previously published Pest Management Regulatory Agency Re-evaluation and Special Review Work Plan 2015-2020.

PMRA regulates pesticides in Canada, with the primary objective of protecting the health of Canadians and the environment. A pesticide may only be sold or used in Canada if it has been registered or otherwise authorized under authority of the *Pest Control Products Act*. PMRA uses a rigorous science-based risk assessment approach to ensure that the product meets health and environmental standards and has value.

As part of the pesticide re-evaluation program, registered pesticides are reviewed on a cyclical basis using modern assessment techniques and current scientific information. In addition, pesticides may also be re-evaluated as a result of changes in the information required or the procedures used by PMRA to determine that the pesticide meets current health, environment and value standards. A special review may also be initiated by the Minister of Health at any time if there are reasonable grounds to believe that the health or environmental risks, or the value, of a pesticide is no longer acceptable. Special reviews differ from re-evaluation in that a special review is intended to examine specific aspects of a pesticide.

PMRA publishes proposed decisions for public consultation. Following consultation, comments and information submitted by the public and other stakeholders are considered before PMRA publishes a final decision. This document lists the active ingredients included in the re-evaluation and special review work plan for the next five years - from 1 April 2017 until 31 March 2022. Tables in Sections 3.1 and 3.4 outline the expected target dates for the publication of proposed and final decisions. It should be noted that target dates are provided and, in some instances, documents may be published within a shorter timeframe as the complexity and amount of information available can vary.

2.0 Annual Update

On an annual basis, PMRA reports to Parliament on accomplishments and activities completed over the previous fiscal year; which includes re-evaluations and special reviews. The PMRA annual report can be found on the Pesticides and Pest Management portion of Canada.ca website.

The active ingredients for which re-evaluations and special reviews were completed from 1 April 2015 to 31 March 2017 and that were listed on the previous 2015-2020 work plan have been removed from this work plan. Published documents related to these re-evaluations and special reviews are available on the Pesticides and Pest Management portion of Canada.ca website.

3.0 Work Plan 1 April 2017 to 31 March 2022

Resources have been prioritized in order to complete reviews and publish the related documents noted in the tables below. Priority will however be given to re-evaluations of active ingredients registered before 1995 as PMRA is committed to completing the remainder of these re-evaluations by 2020. This five-year work plan may change in response to emerging issues that require priority action; thus, while this work plan will be updated annually, during the course of the year interested stakeholders can monitor PMRA's Public Registry to view the announcement of new re-evaluations and special reviews, as well as the publication of proposed and final decisions.

3.1 Re-evaluation Work Plan

The following table provides information on the target dates for the publication of proposed and final decisions for active ingredients under re-evaluation. Re-evaluations for which proposed decisions have been published are marked with a dash (-).

Active Ingredient Name	Target Publication of Proposed Decision	Target Publication of Final Decision
(Z,Z)-3,13-Octadecadienyl Acetate	February 2018	March 2019
2,4-DB (2,4-dichlorophenoxy butyric acid) • DBE • DPB	March 2018	March 2020
Abamectin	February 2020	August 2021
Acephate	-	December 2017
Acetic Acid	July 2017	January 2019
Aminoethoxyvinylglycine	September 2017	March 2019
Amitraz	June 2017	March 2019
Antisapstain and joinery uses: • 2-(thiocyanomethylthio) benzothiazole • 3-Iodo-2-propynyl n-butylcarbamate • Borax (Disodium octaborate tetrahydrate/ boron) • Copper 8-quinolinolate • Didecyl dimethyl ammonium chloride • Propiconazole • Tebuconazole	-	December 2018
Azadirachtin	March 2018	March 2019
Captan	-	March 2018
Chlorimuron-ethyl	June 2018	June 2020
Chloropicrin	May 2017*	March 2019
Chlorothalonil	-	March 2018
Chlorpyrifos	March 2018	March 2020
Clethodim	-	March 2018
Clodinafop propargyl	June 2018	June 2020
Clothianidin (pollinator)	December 2017	December 2018
Copper (Present As Cuprous Thiocyanate)	August 2018	January 2020

Active Ingredient Name	Target Publication of Proposed Decision	Target Publication of Final Decision
Cydia Pomonella Granulosis Virus (Strain Cmgv4)	March 2018	April 2019
Cyfluthrin	-	March 2019
Cypermethrin	-	September 2018
Cyprodinil	April 2019	October 2020
Cyromazine	September 2018	September 2020
Dazomet	November 2017*	March 2019
Deltamethrin	-	March 2018
Dichlorvos	September 2017	September 2019
Difenoconazole	October 2018	March 2020
Diflufenzopyr (Present As Sodium Salt)	June 2017	December 2018
Dimethomorph	September 2018	September 2020
Dodecylguanidine Hydrochloride	July 2019	January 2021
Essential Oils • Camphor Oil, • Eucalyptus Oil, • Lemon Oil, • Oil Of Geranium, • Pine Needle Oil	January 2018	July 2019
Ethephon	December 2017	December 2019
Ethyl Alcohol	January 2018	January 2019
Fenhexamid	September 2019	March 2021
Ferbam	-	June 2018
Ferrous sulfate	March 2018	March 2019
Fludioxonil	-	September 2018
Fluroxypyr (present as 1-methylheptyl ester)	August 2017	January 2019
Folpet	December 2017	December 2019
Fomesafen	March 2018	June 2020
Fosetyl-Al	September 2017	September 2019
Hydantoins • 1-Or 3-Monomethylol-5,5-Dimethylhydantoin • 1,3-Bis(Hydroxymethyl)-5,5-Dimethylhydantoin	August 2019	February 2021
Hydrogen Peroxide	August 2017	February 2019
Imidacloprid	-	December 2018
Imidacloprid (Pollinator)	December 2017*	December 2018*
Iprodione	-	March 2018
Iron (Present As Ferric Phosphate)	November 2017	May 2019
Isopropyl Alcohol	July 2017	January 2019
Isoxaflutole	May 2019	November 2020
Kresoxim-Methyl	April 2019	October 2020
Lambda-cyhalothrin	June 2017*	March 2019

Active Ingredient Name	Target Publication of Proposed Decision	Target Publication of Final Decision
Linuron	-	December 2019*
Mancozeb	-	March 2018*
Mineral Spirits	June 2019	December 2020
Metam Sodium	November 2017*	March 2019
Metam Potassium	November 2017*	March 2019
Methomyl	-	December 2017
Methyl Anthranilate	February 2018	February 2019
Metiram	-	March 2018*
N-octyl bicyclo heptene dicarboximide	September 2017	September 2019
Octhilinone	-	May 2017*
Oil Of Black Pepper	December 2017	June 2019
Permethrin	September 2017*	June 2019
Peroxyacetic Acid	August 2017	February 2019
Pheromone • (E)-8-Dodecen-1-yl Acetate , • (Z)-8-Dodecen-1-ol, • (Z)-8-Dodecen-1-yl Acetate	June 2017	November 2018
Phosmet	June 2017*	December 2018
Piperine	December 2017	June 2019
Piperonyl butoxide	September 2018*	December 2019
Potassium Peroxymonosulfate present as Potassium Peroxymonosulfate Sulfate	June 2017	November 2018
Pyrethrins	August 2019*	March 2020
Pyridaben	-	September 2018
Pyriproxyfen	July 2019	January 2021
Quizalofop-P-Ethyl	June 2019	November 2020
S-Kinoprene	August 2019	January 2021
S-Metolachlor And R-Enantiomer	November 2019	May 2021
Sodium bromide	July 2017*	March 2019
Sodium omadine	-	March 2018
Soybean Oil	January 2018	January 2019
Streptomyces Griseoviridis Strain K61	February 2018	February 2019
Strychnine	-	March 2018
Tebuconazole	November 2018	April 2020
Tebufenozide	February 2019	August 2020
Tetramethrin	-	March 2018
Thiamethoxam (pollinator)	December 2017	December 2018
Thiophanate methyl	-	December 2018
Thiram	-	June 2018
Trichoderma Harzianum Strain Krl-Ag2	November 2017	May 2019
Triforine	March 2019*	September 2020*
Uniconazole-P	November 2018	May 2020

Active Ingredient Name	Target Publication of Proposed Decision	Target Publication of Final Decision
Zinc (Present As Zinc Oxide)	October 2017	March 2019
Ziram	-	June 2018

*Changes made to the date identified in the 2015-2020 work plan.

3.2 Re-evaluations Initiated in 2016

PMRA initiated the following re-evaluations in the 2016 calendar year. As outlined in the Re-evaluation policy, at the on-set of the information gathering phase, PMRA will publish project plans for re-evaluations designated as a Category 1 and 2. The project plans outline the areas of focus of the review, and associated timelines for the publication of the proposed decision.

The next update to this work plan will include target dates for the publication of proposed and final decisions for these active ingredients.

Active Ingredient Name
Azoxystrobin
Clothianidin
Cymoxanil
Difethialone
Flucarbazone (Present As Flucarbazone-Sodium)
Flufenacet
Thiamethoxam
Triticonazole

3.3 Re-evaluations to be initiated from 1 April 2017 to 31 March 2018

Re-evaluations for the following active ingredients are scheduled to be initiated from 1 April 2017 to 31 March 2018.

Active Ingredient
Spinosad
Florasulam
Zoxamide
p-Menthane-3,8-diol
Trinexapac-ethyl

3.4 Special Review Work Plan

The following table lists the special reviews that PMRA is carrying out and the target publication dates for proposed and final decisions. Special reviews for which proposed decisions have been published are marked with a dash (-).

Active Ingredient Name	Publication of Proposed Decision	Publication of Final Decision
2,4-D	-	July 2017[1]
Acephate	-	March 2018
Atrazine (initiated in 2017)[2]	November 2019	December 2020
Bromoxynil	January 2019[1]	May 2020[1]
Carbaryl	-	December 2017
Chloropicrin	-	June 2017
Chlorthal-dimethyl	July 2017[1]	March 2018
Clothianidin (Aquatic Invertebrates)	June 2018	June 2019
Clothianidin (Squash Bees)	December 2018	March 2020
Dichlorvos	December 2017	March 2019
Diodofon	September 2017	February 2019
Diphenylamine	September 2017	December 2018
Fluopicolide	February 2018	March 2019
Hexazinone	-	March 2018
Imidacloprid (Squash Bees)	December 2018	March 2020
Linuron	March 2018[1]	March 2019[1]
Naled	March 2018[1]	March 2019[1]
Pentachlorophenol	August 2017[1]	February 2019[1]
Pymetrozine	October 2017[1]	September 2018
Sodium chlorate	June 2017	September 2018
Tetrachlorvinphos	May 2018	September 2019
Thiamethoxam (Aquatic Invertebrates)	June 2018	June 2019
Thiamethoxam (Squash Bees)	December 2018	March 2020

[1] Changes made to the date identified in the 2015-2020 work plan.

[2] While the Atrazine special review targeted for completion in March 2017 was completed as per the 2015-2020 work plan; PMRA initiated another special review of Atrazine assessing different aspects of concern in March 2017.